

**Proposed Examiner's Amendments to the Claims:**

Cancel claims 12, 14, 22 and 30.

Claims 1-11, 13, 15-21 and 23-29 have been amended as follows:

1. (Currently amended) A preparation comprising a cell extract from the germ of flowering plants for cell-free protein synthesis prepared by substantially completely free of excluding all endosperm of from said cell extract, thereby substantially excluding the systems involved in inhibiting the cell extract's protein synthesis reactions.
2. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to Claim 1, wherein substantially excluding said systems involved in inhibiting the cell extract's protein synthesis reactions comprises are substantially excluded by treating said cell extract with a nonionic surfactant.
3. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to Claim 2, wherein the cell extract is further treated by using an acoustic wave ultrasonication with said surfactant.
4. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to Claim 1, wherein the excluding of said systems involved in inhibiting the cell extract's protein synthesis reactions serves to control deactivation of ribosomes present in said cell extract.
5. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to Claim 1, wherein a substance is present which to controls deadenylation of ribosomes characterized by excluding and to exclude systems involving the inhibition of protein synthesis.

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6. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to Claim 1, wherein the cell extract is from an embryo and said embryo is treated by adding nonionic surfactant and a substance controlling deadenylation of ribosome by excluding to exclude systems involving the inhibition of protein synthesis.

7. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to claim 1, wherein said preparation can be stored in room temperature and which maintains biological functions of said cell extract.

8. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to claim 7, wherein the preparation is in dried form.

9. (Currently amended) A The preparation which contains cell extract for cell-free protein synthesis according to claim 8, wherein the preparation is formulated by freeze-drying.

10. (Currently amended) A method for cell-free protein synthesis synthesizing a protein in a cell-free system which is capable of recovering the synthesized product protein, said method comprising the steps of providing a reaction vessel containing raw material substances that participate in cell-free protein synthesis, wherein the raw material substances including comprise the preparation of claim 1, and wherein the reaction vessel includes comprises a carrier capable of molecular sieving,

carrying out cell-free protein synthesis to obtain a synthesized product protein, during which synthesis the synthesized product protein is separated from the raw material substances by differences in movement moving through the carrier, and recovering the separated synthesized product protein.

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11. (Currently amended) A method for ~~cell-free protein synthesis~~ synthesizing a protein in a cell-free system which is capable of recovering the synthesized product protein, said method comprising the steps of

providing a reaction vessel containing raw material substances that participate in cell-free protein synthesis, wherein the raw material substances including comprise the preparation of claim 1, and wherein the reaction vessel includes comprises a dialysis membrane that separates the reaction vessel into a reaction phase and an external phase, and

carrying out cell-free protein synthesis, during which synthesis the synthesized product protein ~~of the cell-free protein synthesis reaction~~ is produced in the reaction phase and is separated ~~into the external phase from the raw material substances~~ through the dialysis membrane, and

recovering the separated synthesized product protein.

13. (Currently amended) A preparation containing ~~cell extract~~ a cell extract for cell-free protein synthesis, comprising an extract of wheat embryo obtained ~~after subjecting a treatment including a process for by~~ washing the wheat embryo with nonionic surfactant to completely remove any endosperm contaminants from the wheat embryo, ~~that a~~ wherein the deadenylation rate of the wheat extract is 1% or lower, and the dry preparation of the wheat embryo extract maintains stability under at room temperature; and that wherein said wheat extract is used in a continuous cell-free protein synthesis involving a replenishment of the substrate and other substances for protein synthesis ~~using said wheat extract, and~~ the synthesis shows constant performance even in 24<sup>th</sup> hour after starting the synthesis and shows at least 1 mg/ml or higher in synthesis level in said 24<sup>th</sup> hour.

15. (Currently amended) A The preparation which ~~contains~~ contains cell extract for cell-free protein synthesis according to claim 2, wherein the substantially excluding of said systems involved in inhibiting the cell extract's protein synthesis reactions serves to control deadenylation of ribosome.

16. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 3, wherein ~~the substantially excluding of~~ said systems involved in inhibiting the cell extract's protein synthesis reactions serves to control deadenylation of ribosome.

17. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 2, wherein said preparation can be stored in room temperature and ~~which~~ maintains biological functions of said cell extract.

18. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 3, wherein said preparation can be stored in room temperature and ~~which~~ maintains biological functions of said cell extract.

19. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 1, further comprising a synthesized substrate, ~~an~~ amino acid, an energy source, a surfactant, an ionic compound, or combinations thereof, wherein said preparation can be stored in room temperature and ~~which~~ maintains biological functions of said cell extract.

20. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 5, wherein said preparation can be stored in room temperature and ~~which~~ maintains biological functions of said cell extract.

21. (Currently amended) A ~~The preparation which contains cell extract for cell-free protein synthesis~~ according to claim 6, wherein said preparation can be stored in room temperature and ~~which~~ maintains biological functions of said cell extract.

23. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

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providing raw material substances that participate in cell-free protein synthesis,  
wherein the raw material substances including comprise the preparation of claim 1, and  
carrying out cell-free protein synthesis in which the raw material substances  
participate to produce a synthesized protein.

24. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis,  
wherein the raw material substances including comprise the preparation of claim 2, and  
carrying out cell-free protein synthesis in which the raw material substances  
participate to produce a synthesized protein.

25. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis,  
wherein the raw material substances including comprise the preparation of claim 3, and  
carrying out cell-free protein synthesis in which the raw material substances  
participate to produce a synthesized protein.

26. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis,  
wherein the raw material substances including comprise the preparation of claim 4, and  
carrying out cell-free protein synthesis in which the raw material substances  
participate to produce a synthesized protein.

27. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis,  
wherein the raw material substances including comprise the preparation of claim 5, and

carrying out cell-free protein synthesis in which the raw material substances participate to produce a synthesized protein.

28. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis, wherein the raw material substances including comprise the preparation of claim 6, and carrying out cell-free protein synthesis in which the raw material substances participate to produce a synthesized protein.

29. (Currently amended) A method of synthesizing a protein in a cell-free system comprising the steps of

providing raw material substances that participate in cell-free protein synthesis, wherein the raw material substances including comprise the preparation of claim 13, and carrying out cell-free protein synthesis in which the raw material substances participate to produce a synthesized protein.